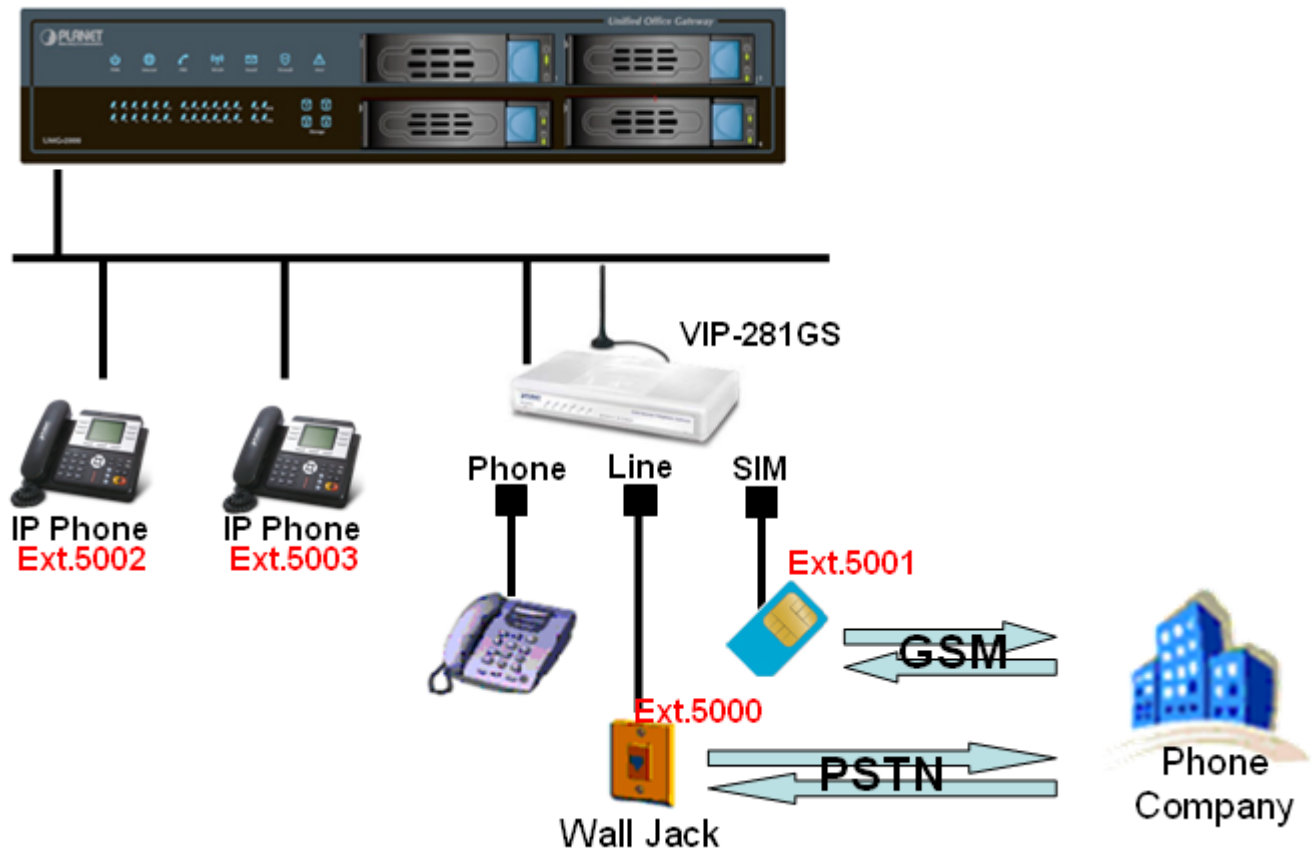


FAQ_How to Create the UMG-2000 user account, and let VIP-281GS GSM Voice Gateway register on the UMG-2000.

UMG-2000



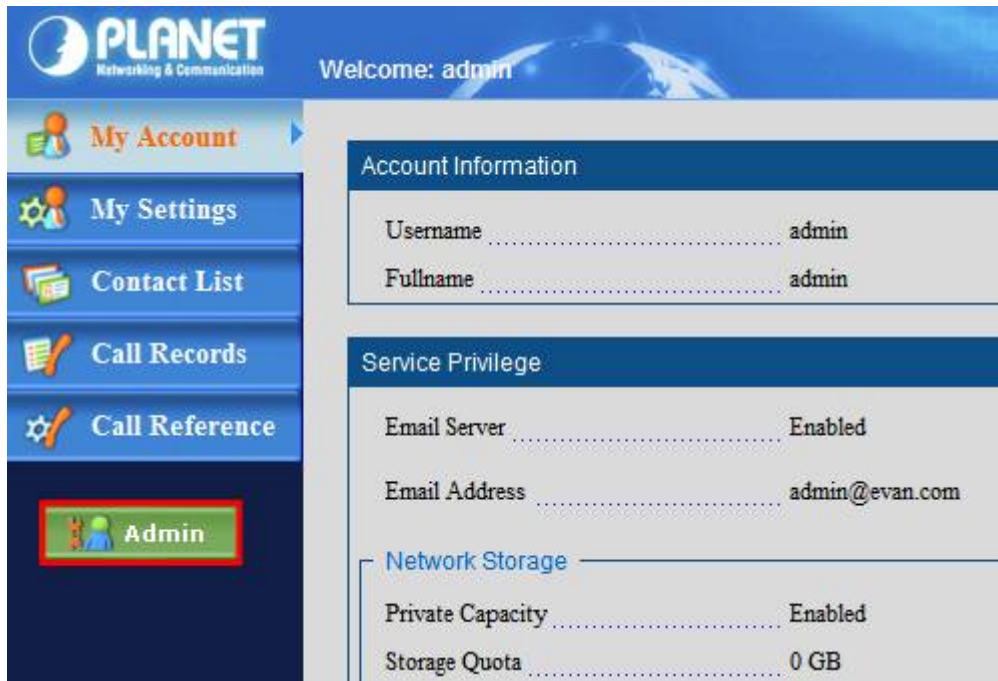
*** FW & Utility version List:

UMG-2000: v.3.6.5

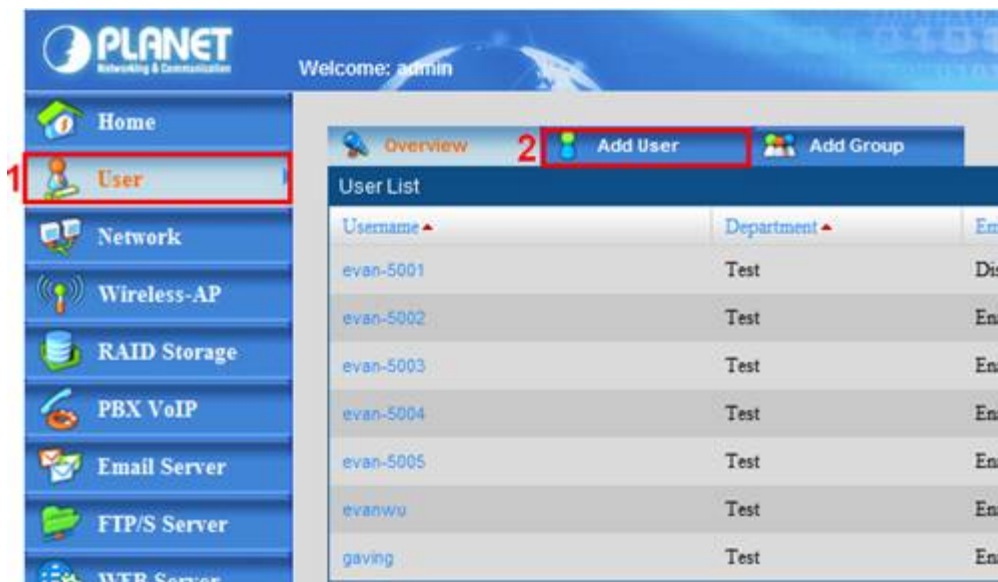
VIP-281GS : 3.2.4L

Create your UMG-2000 user account :

Step1. Please login to your UMG-2000 web-ui, and press the “**Admin**” button.



Step2. Go to “**User**” page, and press the “**Add User**” to create the user account.



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Step3. Input the Username, password..., and modify the “**Extension**” number you want.
After setting complete, please press the “**Apply**” to apply the configure.

The screenshot shows the Planet Technology management interface. The 'User Account' tab is active, displaying a form for user configuration. The 'User Services' tab is also visible on the right. The 'User Account' form includes fields for Username, Fullname, Password, Confirm Password, Account Type, Account Status, Department, and User ID. The 'User Services' form includes sections for Email Server, PPTP VPN, Network Storage, Private Storage, and PBX VoIP. The PBX VoIP section includes Call Privilege, Extension, and Voice Mail Password. The 'Apply' button is highlighted at the bottom left.

USER ACCOUNT:

This section lists all the available settings of the user profile:

User name: Specifies a user name. All user related IT services will be created based on this name. It cannot be changed once set.

Full Name: Specifies the user's full name.

Password: Specifies the user's access password. This password will be applied to all the user related services, too.

Confirm password: Confirms and verifies the entered user password.

Account Type: Specifies either a common user or admin user privilege. The user with the admin privilege can access the GUI management pages to manage the UMG-2000 / UMG-2200 except the storage service.

Account Status: Indicates whether the user account is in an active or suspended state. Active: all user subscribed IT services can be optionally enabled. Suspended: all user subscribed IT services are disabled.

Department: Indicates a proper group or department for the user. You can create a new group or department by clicking the “Group” tab from the “User” screen.

User ID: Specifies a unique user identifier for the user. The default value is recommended.



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USER SERVICES:

This section lists all the available settings of the user services:

Email: Allows or denies user Email services.

PPTP VPN: Allows or denies a user's VPN remote access privileges.

Private Storage: Allows or denies a user's local storage access.

Storage Quota: Specifies the maximum user quota.

IP PBX phone privilege: Allows or denies a user's VoIP phone access.

Disable: Denies a user's VoIP phone access.

Local: Allows the user to dial a local external phone.

National: Allows the user to dial a national external phone.

International: Allows the user to dial an international external phone.

Extension: Specifies the VoIP phone number of the specific user which starts with the local dial prefix. It must be specified if the IP PBX phone privilege is not disabled and it cannot be changed once applied.

Voice Mail Password: Specifies the password that is used to access the voice mail. It must be specified if the IP PBX service is enabled.

Also, you can download the UMG-2000 user manual at our Web-site :

http://www.planet.com.tw/en/dl_file.php?fn=product/images/24383/EM-UMG2000_2200_v1.0.pdf



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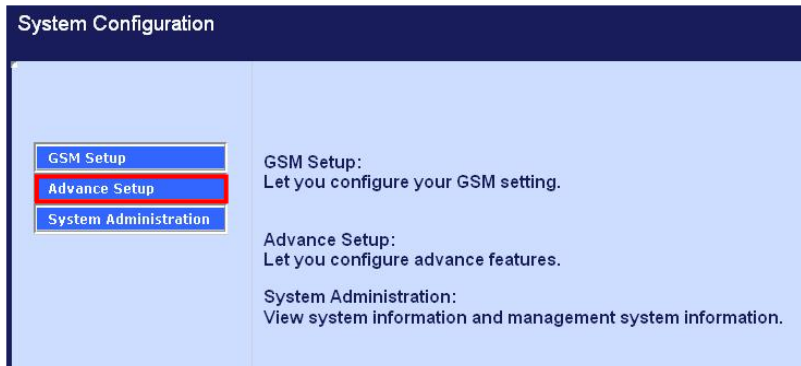
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Use VIP-281GS to register to UMG-2000 :

Step1.Configuration VoIP Setting register to UMG-2000 :

(1) Select the “Advance Setup”.



System Configuration

GSM Setup
Advance Setup
System Administration

GSM Setup:
Let you configure your GSM setting.

Advance Setup:
Let you configure advance features.

System Administration:
View system information and management system information.

(2) Go to “VoIP Basic” page, and “VoIP Protocol Setting” select “SIP”.

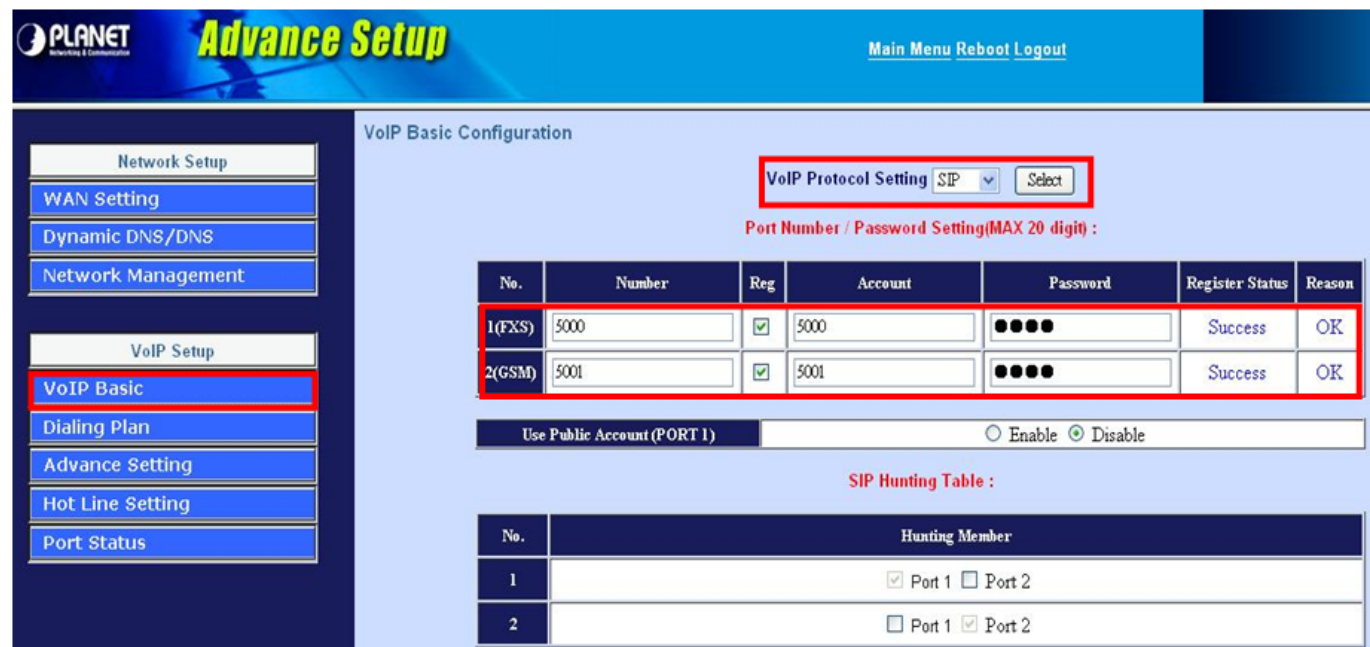
(3) Register FXS and GSM on the UMG-2000.

Key-in the UMG-2000 extension number and password.

(the default extension password same as extension number)

Example. We used the **FXS** to register to UMG-2000 “5000” extension number.

We used the **GSM** to register to UMG-2000 “5001” extension number.



PLANET Networking & Communication

Advance Setup

Main Menu Reboot Logout

Network Setup

- WAN Setting
- Dynamic DNS/DNS
- Network Management

VoIP Setup

- VoIP Basic
- Dialing Plan
- Advance Setting
- Hot Line Setting
- Port Status

VoIP Basic Configuration

VoIP Protocol Setting SIP Select

Port Number / Password Setting(MAX 20 digit) :

No.	Number	Reg	Account	Password	Register Status	Reason
1(FXS)	5000	<input checked="" type="checkbox"/>	5000	●●●●	Success	OK
2(GSM)	5001	<input checked="" type="checkbox"/>	5001	●●●●	Success	OK

Use Public Account (PORT 1) ☐ Enable ☒ Disable

SIP Hunting Table :

No.	Hunting Member
1	<input checked="" type="checkbox"/> Port 1 <input type="checkbox"/> Port 2
2	<input type="checkbox"/> Port 1 <input checked="" type="checkbox"/> Port 2



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(3) Go to the below of page, please key-in your UMG-2000 IP-Address for connect to SIP Server.
Domain/Realm : UMG-2000 IP-Address or Domain name.

Sip Proxy Server : UMG-2000 IP-Address

SIP Authentication : Select "Enable"

Local SIP Port : 5060

PLANET Advance Setup

Main Menu Reboot **Save Configuration** Logout

Network Setup

- WAN Setting
- Dynamic DNS/DNS
- Network Management

VoIP Setup

- VoIP Basic**
- Dialing Plan
- Advance Setting
- Hot Line Setting
- Port Status

SIP Proxy Setting :

Domain/Realm	192.168.0.75
SIP Proxy Server	192.168.0.75/5060
SIP User Agent	
Register Interval (seconds)	10
SIP Authentication	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Outbound Proxy Server	0.0.0.0

NAT Transversal Setting:

NAT Transversal Method	<input type="radio"/> STUN <input checked="" type="radio"/> Symmetric RTP
STUN Server IP Address	64.69.76.21
STUN Server port	3478

When setting is complete, please press the "**Apply**" button on the below of page, then click the "**Save Configuration**" on the above of page to save setting.

If your setting is correct, you will see the "**Register**" information at UMG-2000.

PLANET Unified Office Gateway

Welcome: garrin Company: PLANET

Overview Call Setting Feature Setting Call Rule Channels SIP Trunk Call Log

Call Features

PBX Service	Enabled	Conference Recording	Disabled
Call Forwarding	Enabled	Voice Recording	Enabled
Call Pickup	Enabled	BLF Support	Enabled
Call Parking	Enabled	Video Calling	Enabled
Do Not Disturb	Disabled	Stun Server	Disabled
Fax To Email Address	N/A	PBX Call Prefix	XXXX

User PBX Extension List

Extension	Username	R/W Privilege	Calling State	Registration State	IP Address	Voice Re
5000	evan-5000	Local	Free	Registered	192.168.0.50	Disabled
5001	evan-5001	Local	Free	Registered	192.168.0.50	Disabled
5002	evan-5002	Local	Free	Registered	192.168.0.10	Enabled
5003	evan-5003	Local	Free	Unregistered	N/A	Enabled
5004	evan-5004	Local	Free	Unregistered	N/A	Enabled
5005	evan-5005	Local	Free	Registered	192.168.0.25	Enabled
5006	evan-5006	Local	Free	Registered	192.168.0.10	Enabled



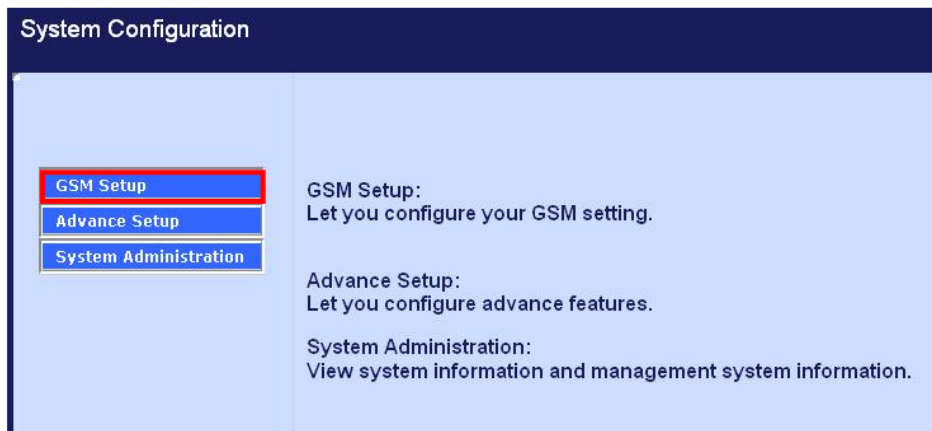
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Step2.Configuration the GSM Setting :

(1) Select the “GSM Setup”.



System Configuration

GSM Setup
Let you configure your GSM setting.

Advance Setup
Let you configure advance features.

System Administration
View system information and management system information.

(2)Go to “GSM Parameter” page.

(3)If your PIN Card had set password, please “PIN Code Protection” select “Enable” and key-in your password.

(4)Choose your “GSM Frequency”.

(5)After setting complete, press the “Apply” button and click the “Save Configuration”.



PLANET Networking & Communication **GSM Setup** Main Menu Reboot Save Configuration Logout

GSM Setup

- GSM Parameter**
- PSTN Dialplan
- GSM Dialplan
- Send SMS
- Receive SMS
- Terminate Phonebook
- Originate Phonebook

GSM Parameter Table	
GSM Parameter table	
PIN Code Protection	<input checked="" type="radio"/> Enable <input type="radio"/> Disable PIN: 3456
Failsafe Mechanism (FXS rely on PSTN)	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Baby Call	<input type="radio"/> Enable <input checked="" type="radio"/> Disable Delay Time: 0 Calling Number:
FXS Battery Reverse	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Talking Time Limit	0 mins
GSM Frequency	<input checked="" type="radio"/> 900/1800 <input type="radio"/> 850/1900
CLI Presentation	<input type="radio"/> Disable <input checked="" type="radio"/> Enable
CLI Detection	<input checked="" type="radio"/> Disable <input type="radio"/> Enable <input type="radio"/> Asterisk 1.3 <input type="radio"/> IDT
Answer Supervision	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
GSM Receive Gain	<input type="radio"/> -18db <input checked="" type="radio"/> -10db <input type="radio"/> -8db <input type="radio"/> -6db <input type="radio"/> -4db <input type="radio"/> -2db <input type="radio"/> 0db <input type="radio"/> +2db <input type="radio"/> +4db <input type="radio"/> +6db
GSM Transmit Gain	<input type="radio"/> +30db <input checked="" type="radio"/> +33db <input type="radio"/> +36db <input type="radio"/> +39db <input type="radio"/> +42db
GSM Answer Mode	<input checked="" type="radio"/> Auto Answer <input type="radio"/> Connecting Answer
VoIP TO GSM	<input type="radio"/> Enable <input checked="" type="radio"/> Disable Calling Number:



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(6)Go to “**System Administration**” page.

System Configuration

GSM Setup

Advance Setup


System Administration

GSM Setup:
Let you configure your GSM setting.

Advance Setup:
Let you configure advance features.

System Administration:
View system information and management system information.

(7)Go to “**System Information**” for check your GSM is success connect.



System Administration

[Main Menu](#) [Reboot](#) [Logout](#)

Management

Save Configuration

Access Control

Set to default

System Information

SNTP Setting

Syslog setting

Capture packet

System Information:

Software Version	3.2.4L
WAN Type	Fixed IP
WAN MAC Address	00:0f:fd:48:00:0c
VoIP Status	SIP Proxy Mode Register Successful
VoIP Codec	G723.1
GSM Signal Level	-89 dBm
GSM Operator	Chunghwa Telecom
PIN Code	Verify Successful
Model	GSM+VoIP Gateway
Current system time	0/0/0 00:00:00



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Step3.Configuration the prefix number for auto select PSTN Line or GSM Line when had outside call :

(1)Go to “PSTN Dialplan” page.

(2)Set the prefix number for choose PSTN Line outside call.

Example. We use prefix number “2” for choose PSTN Line outside call.

(3)After setting complete, press the “Apply” button and click the “Save Configuration”.

PLANET Networking & Communication **GSM Setup** Main Menu Reboot **Save Configuration** Logout

GSM Setup

- GSM Parameter
- PSTN Dialplan**
- GSM Dialplan
- Send SMS
- Receive SMS
- Terminate Phonebook
- Originate Phonebook

Routing Configuration:


PSTN Routing Table

Call Service route by PSTN network : According to the prefix of dialed number on FXS interface you can Route the calls to PSTN Network

Item	Phone Number
1	2x
2	
3	
4	
5	
6	
7	
8	
9	
10	

Apply

- (4)Go to “**GSM Dialplan**” page.
- (5)Select “**GSM Dial Termination Key**”.
- (6)Set the prefix number for choose GSM Line outside call.
Example. We use prefix number “09” for choose GSM Line outside call.
- (7)After setting complete, press the “**Apply**” button and click the “**Save Configuration**”.


GSM Setup

[Main Menu](#)
[Reboot](#)
[Save Configuration](#)
[Logout](#)

GSM Setup

GSM Parameter

PSTN Dialplan

GSM Dialplan

Send SMS

Receive SMS

Terminate Phonebook

Originate Phonebook

GSM Routing Table

Call Service route by GSM network : According to the prefix of dialed number on FXS interface you can Route the calls to GSM Network

GSM Dial Termination Key

*

Item	Phone Number	Length
1	09x	10
2		0
3		0
4		0
5		0
6		0
7		0
8		0
9		0
10		0

Step4.Configuration Hotline for when outside call in to forward extension number :

(1)Go to “Hot Line Setting” page.

(2)Set you want to forward to extension number for PSTN Line and GSM Line.

PLANET Networking & Communication **Advance Setup** [Main Menu](#) [Reboot](#) [Logout](#)

Network Setup

- WAN Setting
- Dynamic DNS/DNS
- Network Management

VoIP Setup

- VoIP Basic
- Dialing Plan
- Advance Setting
- Hot Line Setting**
- Port Status

Hot Line Number Setting (Hotline Setting)

Hotline Delay ☒ Disable ☐ Enable

Hotline Delay Time(Max. 20 sec) sec

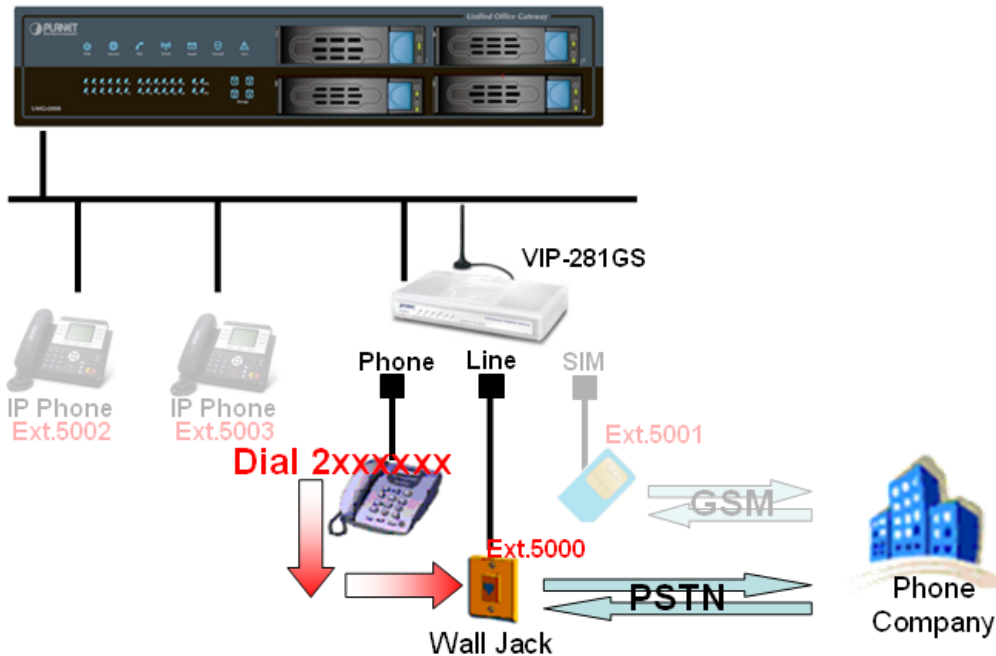
PSTN **Port 1 number**

GSM **Port 2 number**

After setting complete :

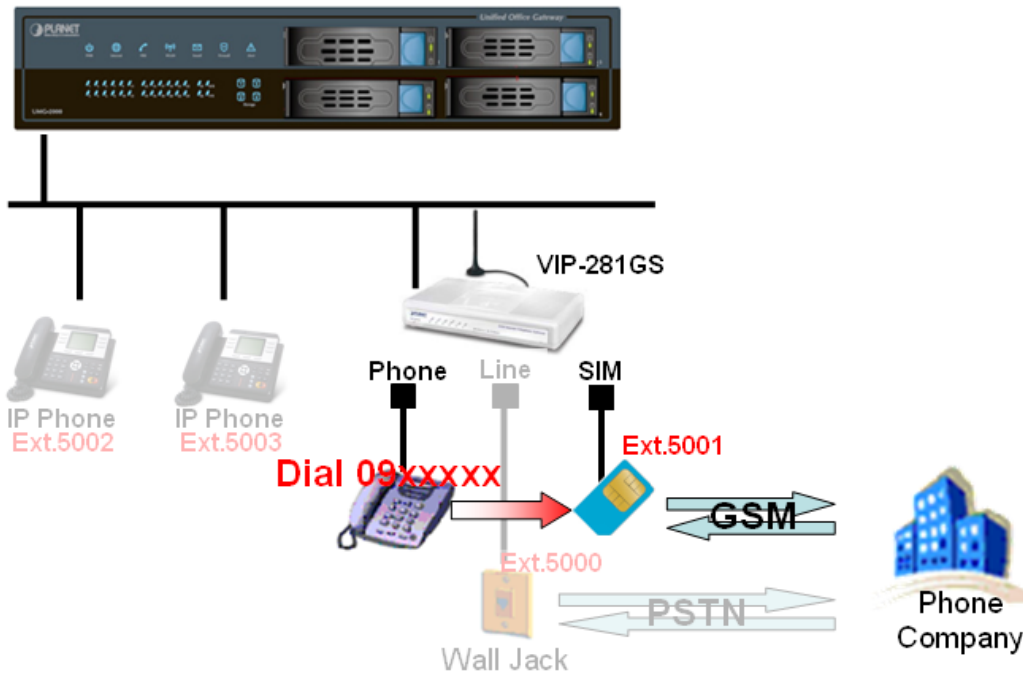
(1)When use phone call “**2xxxxxx**”, then will auto choose PSTN Line to outside.

UMG-2000



(2)When use phone call “**09xxxxxx**”, then will auto choose GSM Line to outside.

UMG-2000



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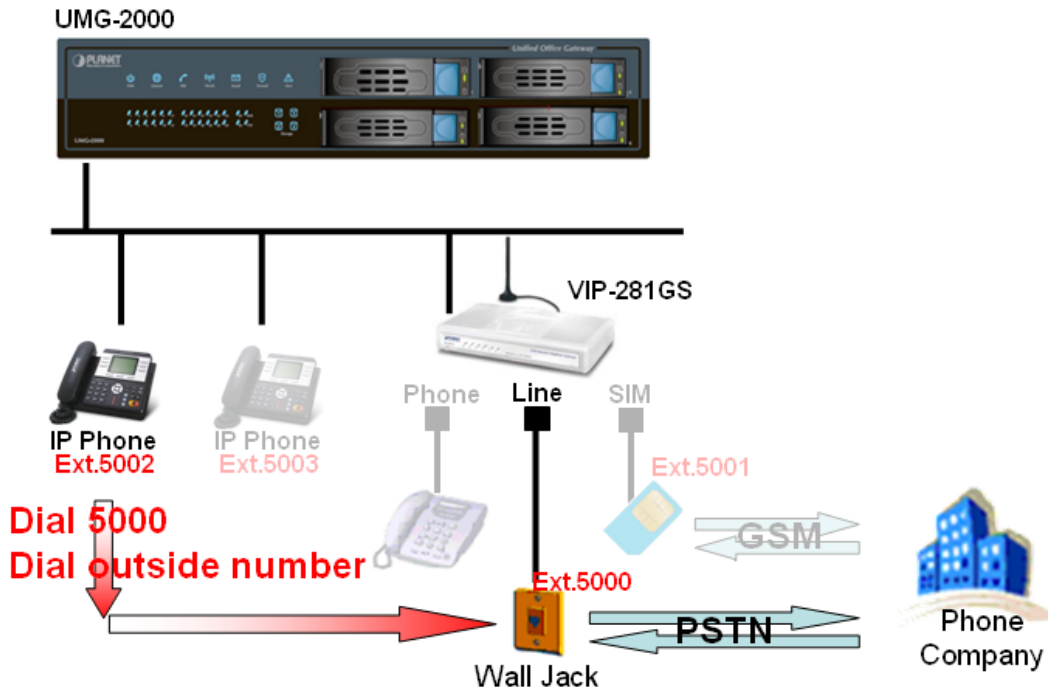
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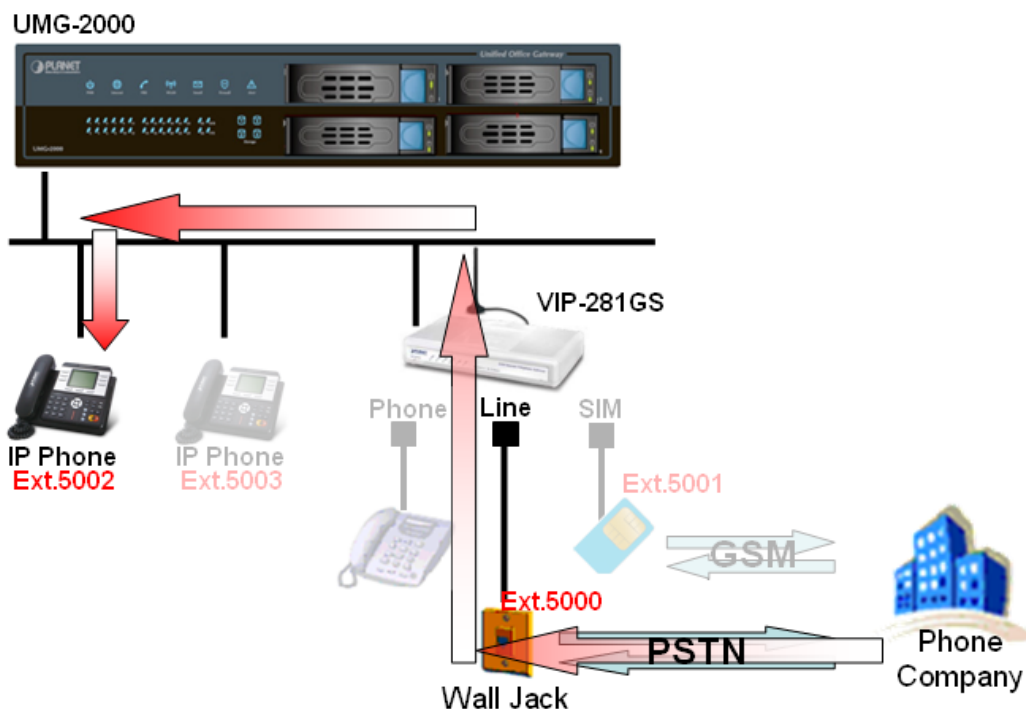
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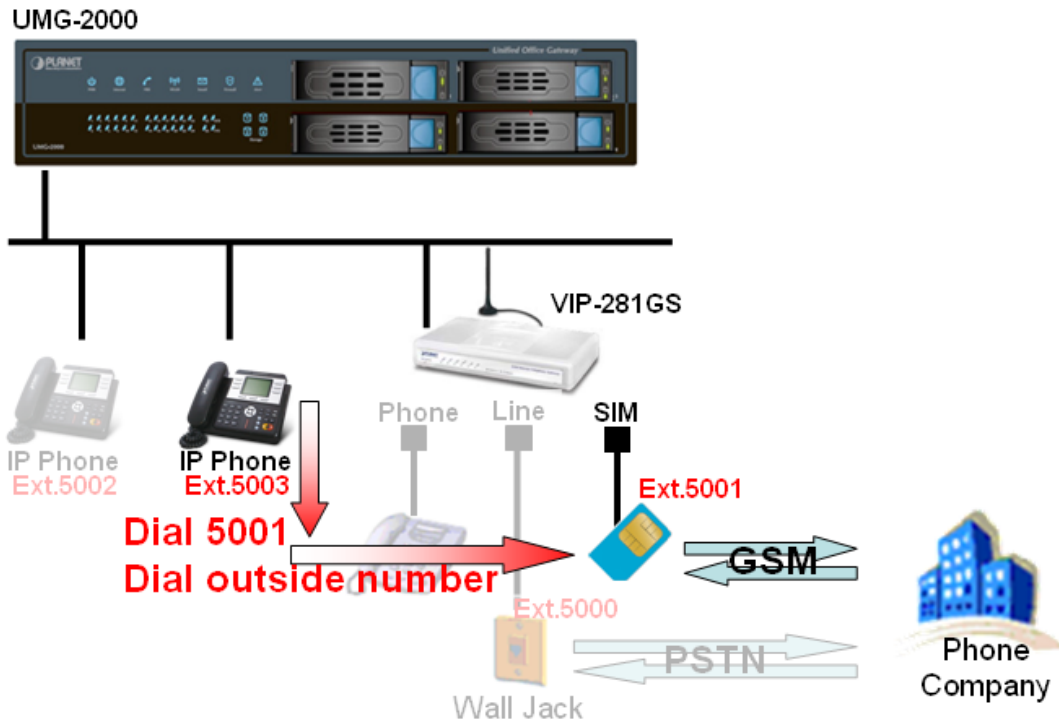
(3) Use IP Phone to call outside by PSTN Line.



(4) When call form outside to PSTN Line, that will forward to your extension number 5002.



(5) Use IP Phone to call outside by GSM Line.



(6) When call form outside to GSM Line, that will forward to your extension number 5003.

